10/015,186 Thomas McKenzie

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NEWS
     1
                 "Ask CAS" for self-help around the clock
NEWS
     2
                 Source of Registration (SR) information in REGISTRY updated
NEWS
         JAN 27
                 and searchable
NEWS
        JAN 27
                 A new search aid, the Company Name Thesaurus, available in
                 CA/CAplus
         FEB 05
                German (DE) application and patent publication number format
NEWS
                 changes
        MAR 03
                 MEDLINE and LMEDLINE reloaded
NEWS
     6
        MAR 03
                MEDLINE file segment of TOXCENTER reloaded
NEWS
     7
NEWS 8
        MAR 03
                FRANCEPAT now available on STN
                 Pharmaceutical Substances (PS) now available on STN
        MAR 29
NEWS
     9
NEWS 10 MAR 29
                 WPIFV now available on STN
                 New monthly current-awareness alert (SDI) frequency in RAPRA
        MAR 29
NEWS 11
NEWS 12
        APR 26
                 PROMT: New display field available
                 IFIPAT/IFIUDB/IFICDB: New super search and display field
NEWS 13
        APR 26
                 available
NEWS 14
        APR 26
                 LITALERT now available on STN
                 NLDB: New search and display fields available
NEWS 15
         APR 27
                 PROUSDDR now available on STN
NEWS 16
        May 10
NEWS 17
         May 19
                 PROUSDDR: One FREE connect hour, per account, in both May
                 and June 2004
                 EXTEND option available in structure searching
NEWS 18
         May 12
                 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 19
         May 12
         May 17
NEWS 20
                 FRFULL now available on STN
              MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
NEWS EXPRESS
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
              STN Operating Hours Plus Help Desk Availability
NEWS HOURS
NEWS INTER
              General Internet Information
NEWS LOGIN
              Welcome Banner and News Items
              Direct Dial and Telecommunication Network Access to STN
NEWS PHONE
NEWS WWW
              CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 16:40:06 ON 24 MAY 2004

=> file reg FILE 'REGISTRY' ENTERED AT 16:40:44 ON 24 MAY 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1 DICTIONARY FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

Uploading C:\Program Files\Stnexp\Queries\10015186.str

```
chain nodes :
6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 38
ring nodes :
1 2 3 4 5 39
ring/chain nodes :
11
chain bonds :
2-7 3-8 4-6 8-9 9-10 9-30 10-11 10-12 12-38 14-19 15-21 16-23 17-24
18-27 19-20 21-22 24-25 25-26 27-28 28-29
ring bonds :
1-3\overline{9} 1-5 2-39 2-3 3-4 4-5
exact/norm bonds :
1-39 1-5 2-39 2-3 2-7 3-4 3-8 4-5 4-6 8-9 9-30 10-12 12-38 14-19
15-21 16-23 17-24 18-27 19-20 21-22 24-25 25-26 27-28 28-29
exact bonds :
9-10 10-11
```

10/015,186 Thomas McKenzie

G1: [*1], [*2], [*3], [*4], [*5], [*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 38:CLASS 39:Atom

L1STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 16:41:08 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 223 TO ITERATE

100.0% PROCESSED 223 ITERATIONS 2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

> BATCH **COMPLETE**

PROJECTED ITERATIONS:

3565 TO 5355

PROJECTED ANSWERS:

2 TO 124

2 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 16:41:15 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 4622 TO ITERATE

4622 ITERATIONS 100.0% PROCESSED

27 ANSWERS

SEARCH TIME: 00.00.01

L3 27 SEA SSS FUL L1

=> file caold caplus FILE 'CAOLD' ENTERED AT 16:41:24 ON 24 MAY 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 16:41:24 ON 24 MAY 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 13

2 L3 T.4

=> d 1-2 cbib pi fhitstr

ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN 2003:855653 Document No. 139:365225 Preparation of furanone amino acid derivatives as inhibitors of cathepsin S. Quibell, Martin; Taylor, Steven; Grabowska, Urszula; Nilsson, Magnus; Morisson, Veronique (UK). U.S. Pat. Appl. Publ. US 2003203900 A1 20031030, 76 pp., Cont.-in-part of Appl. No. PCT/GB00/01894. (English). CODEN: USXXCO. APPLICATION: US 2001-15186 20011116. PRIORITY: GB 1999-11417 19990518; WO 2000-GB1894 20000518; US 2000-PV252840 20001117.

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DATE
                                                      APPLICATION NO.
                                                                           DATE
      PATENT NO.
                           KIND
                                                      ______
      ______
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                                   20031030
                                                                            20011116
      US 2003203900
                                                      US 2001-15186
PΙ
                            Α1
                                                                            20000518
                                   20001123
                                                      WO 2000-GB1894
                            A2
      WO 2000069855
                                   20010208
                            A3
      WO 2000069855
               AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
           W:
                CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
                ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
           RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
                CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                            A1 20040428
                                                    EP 2004-2432
                                                                           20000518
      EP 1413580
               AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
                IE, SI, FI, CY
      428444-82-0P
TΤ
      RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
          (preparation of furanone amino acid derivs. as inhibitors of cathepsin S)
```

3-Furancarboxamide, N-[(1S)-3,3-dimethyl-1-[[(tetrahydro-3-methyl-5-oxo-2H-

pyran-4-yl)amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

428444-82-0 CAPLUS

RN

CN

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ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
              Document No. 136:382191 Peptidomimetic-aminofuranone conjugates,
     method for their synthesis, and their pharmaceutical use as cysteine
     protease inhibitors. Quibell, Martin; Taylor, Steven; Grabowska, Urszula;
     Nilsson, Magnus; Morisson, Veronique (Medivir UK Limited, UK; Genzyme
     Corporation). PCT Int. Appl. WO 2002040462 A2 20020523, 70 pp.
     DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ,
     CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE,
     GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
     LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU,
     SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW,
     AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI,
     CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL,
     PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US46486 20011116. PRIORITY: US 2000-PV252840 20001117.
     PATENT NO.
                      KIND DATE
                                             APPLICATION NO. DATE
                       _ _ _ _
PΤ
     WO 2002040462
                        A2
                             20020523
                                             WO 2001-US46486 20011116
                             20030213
     WO 2002040462
                        Α3
         W: AE, AG, AL, AM, AT, AU, AZ; BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
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10/015,186 Thomas McKenzie

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20011116 A5 20020527 AU 2002-27222 AU 2002027222 20030924 EP 2001-996110 20011116 EP 1345931 Α2 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR JP 2004513942 T2 20040513 JP 2002-543473 20011116

IT 428444-82-0P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(peptidomimetic-aminofuranone conjugates, method for their synthesis, and their pharmaceutical use as cysteine protease inhibitors)

RN 428444-82-0 CAPLUS

CN 3-Furancarboxamide, N-[(1S)-3,3-dimethyl-1-[[(tetrahydro-3-methyl-5-oxo-2H-pyran-4-yl)amino]carbonyl]butyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF LOGOFF? (Y)/N/HOLD:.

STN INTERNATIONAL LOGOFF AT 16:45:48 ON 24 MAY 2004

McKenzie, Thomas

From:

Spencer, Mark

Sent:

Tuesday, May 11, 2004 9:27 AM

To: Subject: McKenzie, Thomas RE: 10/015,186

Thomas,

I looked at eDAN and it's a mess. There should be two Raw Sequence Listings (RSL) from STIC in eDAN. The first one should be erred and the second one should be ENTERED. The entered sequences are good and are in ABSS. I can forward these to the printer when you allow the case, so as far as the sequences are concerned you can go ahead with the allowance. In eDAN there are three RSL reports. There are two error reports and they are missing the second page: that is why you couldn't figure out what the errors were. The front page of one of the error reports has been scanned with the entered report, which makes it look erred when it's not. I don't know what you want to do with eDAN.

Thanks, Mark

-----Original Message-----

From:

McKenzie, Thomas

Sent:

Monday, May 10, 2004 1:09 PM

To:

Spencer, Mark

10/015,186 Subject:

This case is in eDAN and is a two month amended. There are no sequences in the claims. It is in condition for allowance but I fould two sequence error reports when double checking eDAN. I cannot even figure out what the errors are suppose to be. It appears that the two reports are discussing the same sequence and one is marked entered. Can you look this over?

Tom McKenzie Patent Examiner Heterocyclic Organic Chemistry, Art Unit 1624 United States Patent and Trademark Office (571) 272-0670 **REM/5B02**

Allowance Check List

All claims end with period	
Claims printed include a composition claim	
Double check classification	
All 1449's have dates	
Priority & draftsman's boxes checked	
Double check STN search	
All amendments have literal support	